

FIG. 1

	ITEM NAME	DATA TYPE	TYPE OF ITEM
1	No.	CHARACTER STRING	BASIC
2	FIELD OF MAGAZINE (NEWSPAPER)	CHARACTER STRING	BASIC
3	NAME OF MAGAZINE (NEWSPAPER)	CHARACTER STRING	BASIC
4	READING CHARACTERS (NAME OF MAGAZINE)	CHARACTER STRING	BASIC
5	ISSUE DATE OF MAGAZINE (NEWSPAPER)	CHARACTER STRING	BASIC
6	SALES DATE OF MAGAZINE (NEWSPAPER)	CHARACTER STRING	BASIC
7	ISSUE DATE	CHARACTER STRING	BASIC
8	PUBLICATION FREQUENCY	CHARACTER STRING	BASIC
9	PUBLISHER OF MAGAZINE	CHARACTER STRING	BASIC
10	PAGE OF REVIEW	CHARACTER STRING	BASIC
11	MAGAZINE CODE	CHARACTER STRING	BASIC
12	FIELD	CHARACTER STRING	BASIC
13	FIELD 1	CHARACTER STRING	COMPUTATION
14	FIELD 2	CHARACTER STRING	COMPUTATION
15	FIELD 3	CHARACTER STRING	COMPUTATION
16	FIELD 4	CHARACTER STRING	COMPUTATION
17	TITLE OF BOOK	CHARACTER STRING	BASIC
18	READING CHARACTERS (TITLE OF BOOK)	CHARACTER STRING	READING
19	NAME OF EDITOR	CHARACTER STRING	BASIC
2	AUTHOR	CHARACTER STRING	COMPUTATION
21	PUBLISHER	CHARACTER STRING	BASIC
22	YEAR AND MONTH OF PUBLICATION	CHARACTER STRING	BASIC
23	ISSUER	CHARACTER STRING	BASIC
24	ADDRESS OF ISSUER	CHARACTER STRING	BASIC
25	NAME OF SERIES AND MAGAZINE	CHARACTER STRING	BASIC
26	MARKET PRICE (YEN)	CHARACTER STRING	BASIC
27	PRICE OF BODY	CHARACTER STRING	BASIC
28	TAX	CHARACTER STRING	BASIC
29	ISBN	CHARACTER STRING	BASIC
30	FORM	CHARACTER STRING	BASIC
31	REVIEWER, SELECTOR	CHARACTER STRING	BASIC
32	REMARKS	CHARACTER STRING	BASIC
33	EXTERNAL CHARACTER (★)	CHARACTER STRING	BASIC
34	UNCERTAIN	CHARACTER STRING	BASIC
35	DATE OF WORK	CHARACTER STRING	BASIC
36	PERSON IN CHARGE	CHARACTER STRING	BASIC
37	WORK No.	CHARACTER STRING	BASIC
38	DATA CODE	CHARACTER STRING	COMPUTATION
39	SUMMARY OF CONTENTS	CHARACTER STRING	BASIC
40	INTRODUCTORY REMARK OF BOOK	CHARACTER STRING	BASIC
41	E TEXT	CHARACTER STRING	COMPUTATION
42	E CODE	CHARACTER STRING	BASIC
43	E CODE CHARACTER	CHARACTER STRING	BASIC
44	E CODE VALUE 1	NUMERIC VALUE	BASIC
45	E CODE VALUE 2	NUMERIC VALUE	BASIC
46	WORK ITEM	CHARACTER STRING	BASIC
47	IMAGE CHECK	NUMERIC VALUE	BASIC

F I G. 2

METHOD OF
GENERATING DATA

- 1 : COLLECTING INFORMATION ABOUT NEWSPAPER, MAGAZINE, AND HP
- 2 : CHECKING BOOK INTRODUCTION PAGE
- 3 : COPYING BOOK INTRODUCTION PAGE
- 4 : TRANSMITTING COPY OF BOOK INTRODUCTION PAGE TO LOCAL OPERATOR
- 5 : INPUTTING AND CHECKING BASIC DATA BY OPERATOR BASED ON COPY OF BOOK INTRODUCTION PAGE
- 6 : TRANSMITTING BASIC DATA INPUT BY OPERATOR TO CHECKER
- 7 : CHECKING BY CHECKER BASIC DATA BY REFERRING TO HP OF PUBLISHING COMPANY AND HP OF LIBRARY
- 8 : CHECKING WHETHER OR NOT EACH ITEM OF BASIC DATA CONTAINS ERROR IN A SORTING ORDER OF VARIOUS TYPES FOR EACH BOOK NAME, EACH AUTHOR, EACH ISBN CODE, ETC.
- 9 : TRANSMITTING CHECKED DATA TO HEAD OFFICE
- 10 : COPYING NON-INPUT ITEM 'SUMMARY OF CONTENTS OF BOOK' AND 'COVER SCREEN DATA' FROM HP OF EACH PUBLISHING COMPANY WITH PERMISSION IN HEAD OFFICE
- 11 : LOADING DATA TO HP

END

FIG. 3

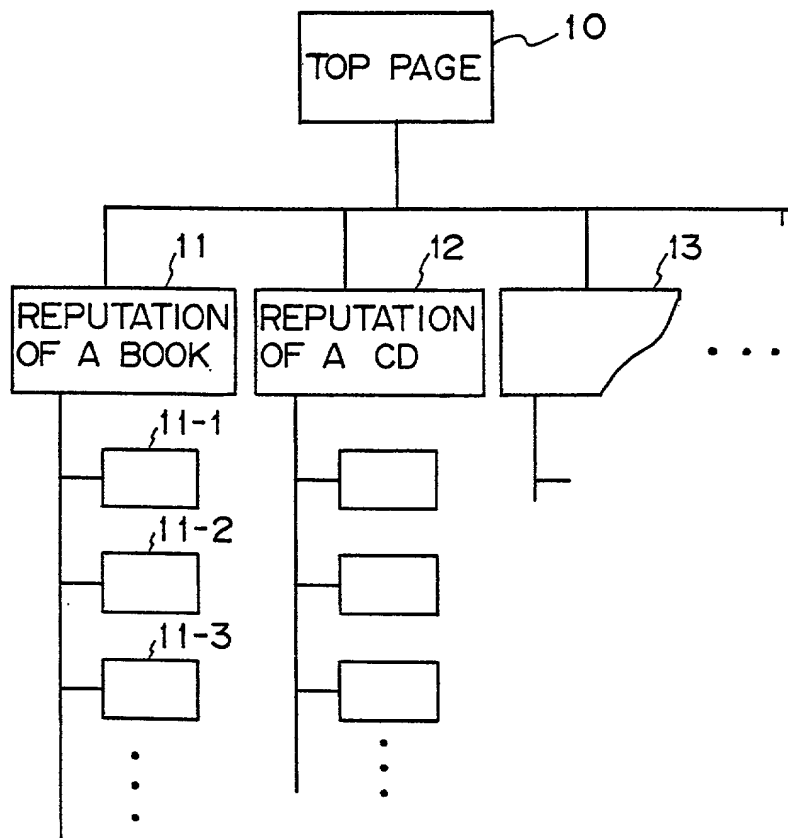


FIG. 4

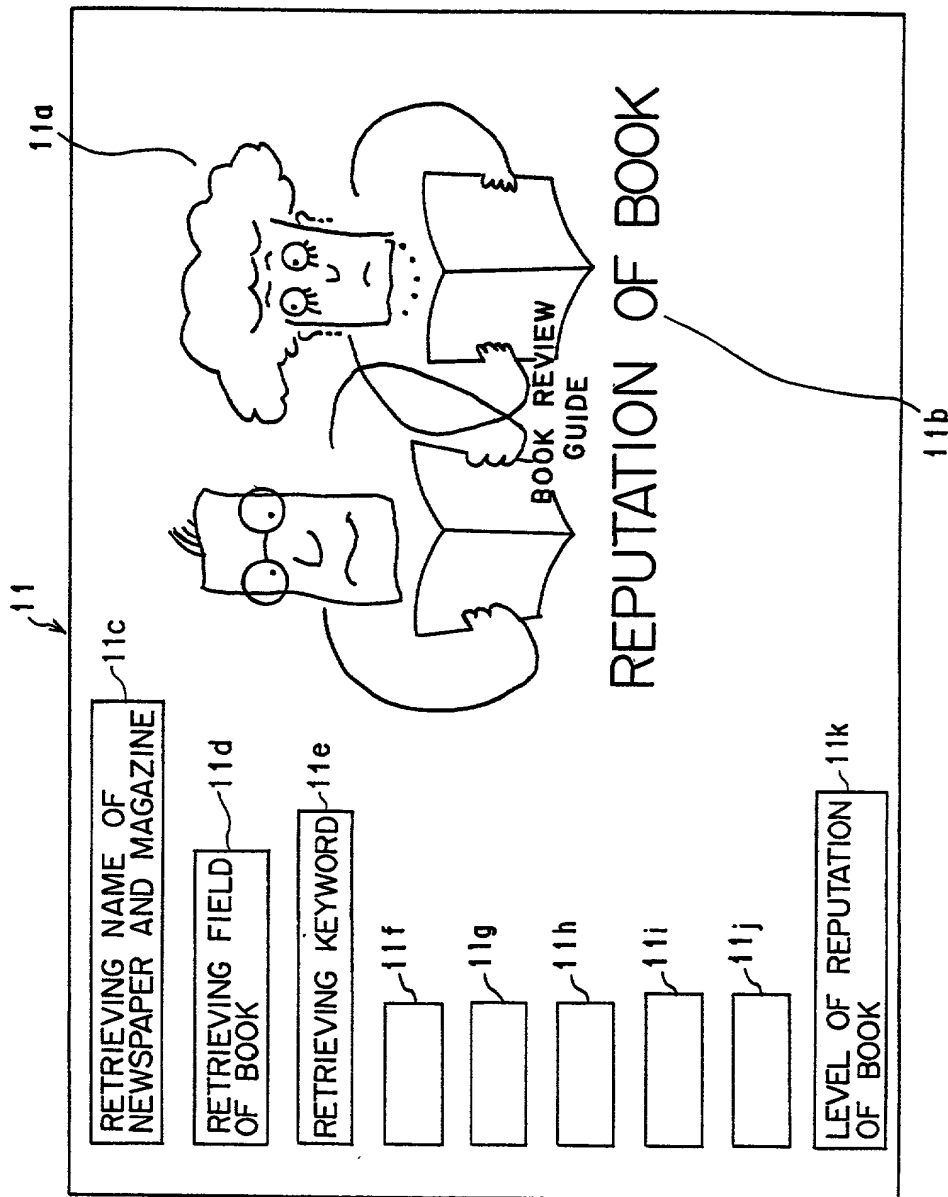


FIG. 5

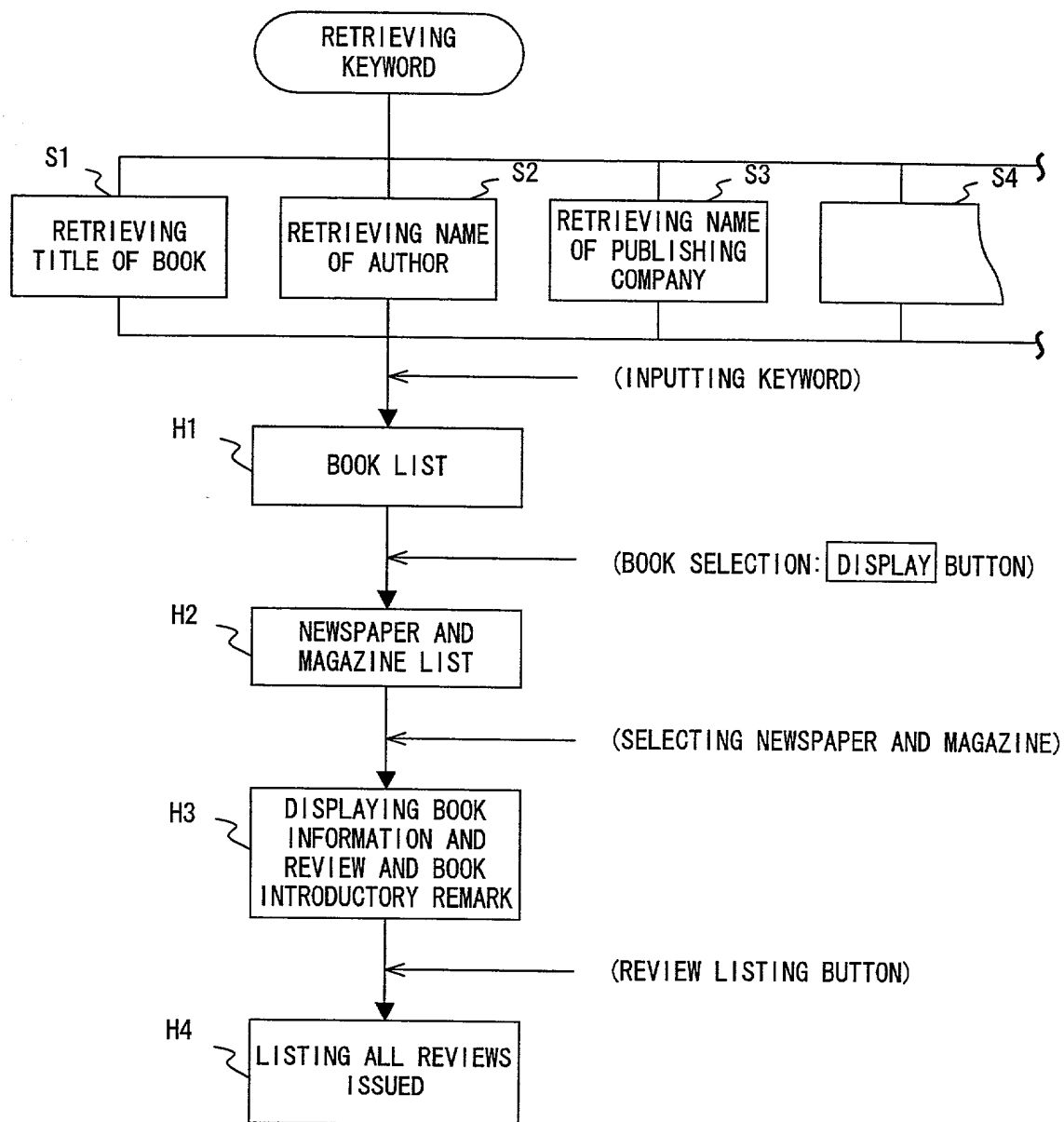


FIG. 6

TITLE OF BOOK 15

AUTHOR 16

PUBLISHING COMPANY 17

FIG. 7A

18 ↙

TITLE OF BOOK	AUTHOR (EDITOR)	PUBLISHING COMPANY	FIELD OF BOOK	NUMBER OF REVIEWS	TYPE	MARK	
UNCERTAIN TOMORROW	BY○○××	AA COMPANY		1			DISPLAY
HISTORY OF TOMORROW	BY××△△	BB BOOKSTORE		8			DISPLAY
				1			DISPLAY
				9			DISPLAY
				1			DISPLAY
				1			DISPLAY
							DISPLAY

FIG. 7B

[illegible]

FIG. 8

20

20-1

UNCERTAIN TOMORROW	
AUTHOR (EDITOR)	BY □□△△
PUBLISHING COMPANY	AA COMPANY
PRICE (EXCLUDING TAX)	1, 500
I S B N	4-06-209700-1
TYPE	NEW BOOK
NAME OF SERIES	NEW BOOK
MARK	
REVIEWER	◎◎○○
MAGAZINE (NEWSPAPER)	FF NEWSPAPER
ISSUE NUMBER	20000206
ISSUE PAGE	ON PAGE 312

20-2

20-4

20-3

FIG. 9

FIG. 10

COVER
IMAGE

UNCERTAIN TOMORROW	
AUTHOR (EDITOR)	BY □□△△
PUBLISHING COMPANY	AA COMPANY
PRICE (EXCLUDING TAX)	1, 500
ISBN	4-06-209700-1
TYPE	NEW BOOK
NAME OF SERIES	NEW BOOK
MARK	

- MAGAZINE (NEWSPAPER) : FF NEWSPAPER / ISSUE NUMBER : 20000206 /
REVIEWER : ◎◎○○

- MAGAZINE (NEWSPAPER) : WEEKLY × × / ISSUE NUMBER : 20000314 /
REVIEWER : □□ × × ×

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FIG. 10

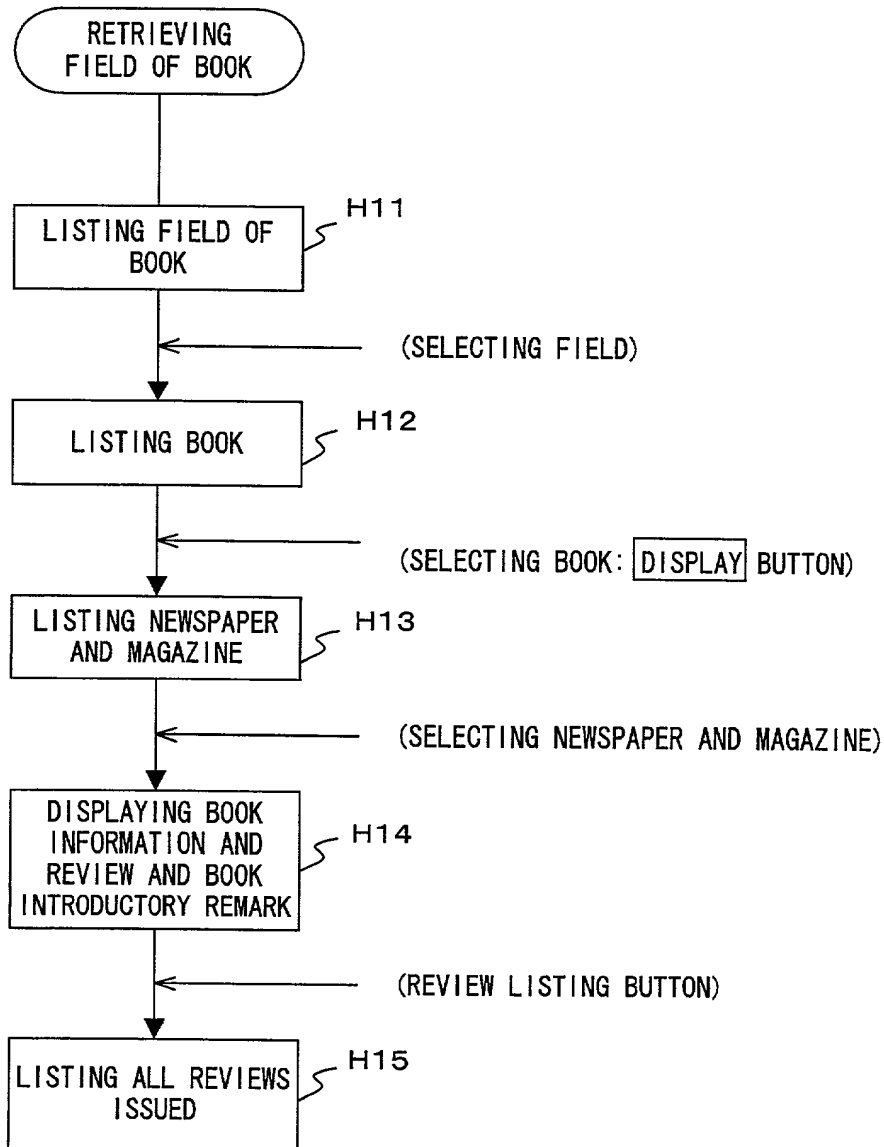


FIG. 11

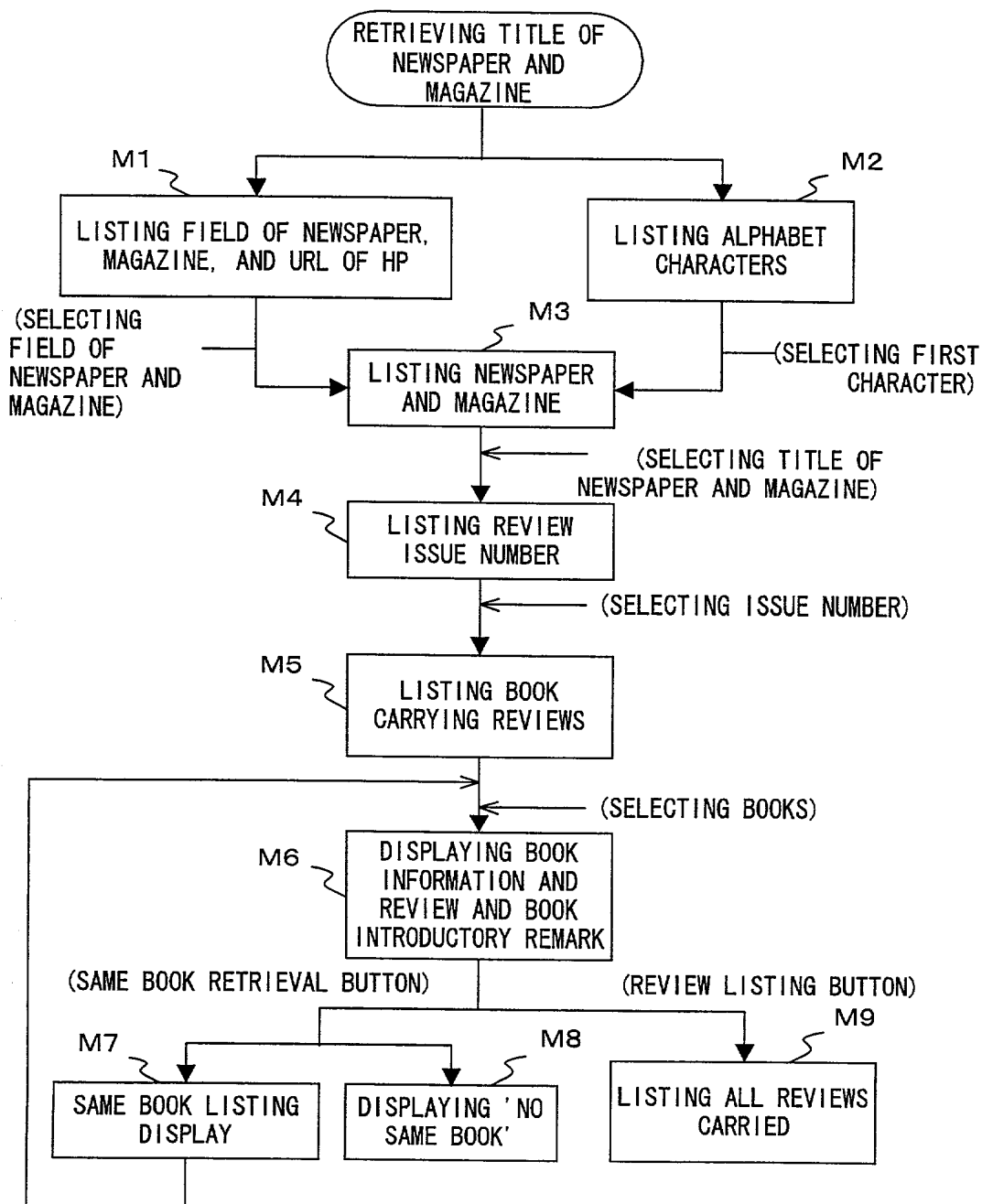


FIG. 13

GENERAL WEEKLY MAGAZINE	NATURAL SCIENCE, SOCIAL SCIENCE
COMMON GENERAL MAGAZINE	HEALTH, MEDICAL
MALE FASHION MAGAZINE	ART, DESIGN
HOBBY, SPORTS	INFORMATION MAGAZINE
COMPUTER, MULTIMEDIA	FEMALE GENERAL MAGAZINE
MOVIE, MUSIC, AND PLAY	WRITING, LITERATURE, NOVEL
FEMALE WEEKLY MAGAZINE	MANAGEMENT, BUSINESS, MASS-COMMUNICATIONS, ADVERTISEMENT
FEMALE FASHION MAGAZINE	LIVING, CHILD CARE, EDUCATION, COOKING

FIG. 14A

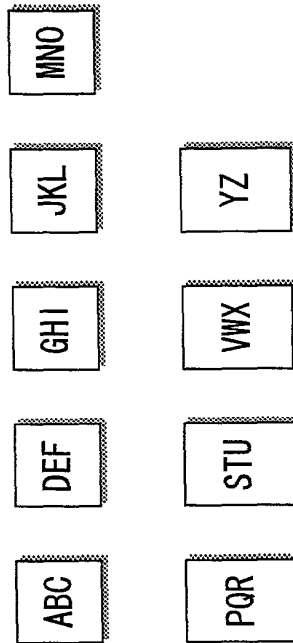


FIG. 14B

WEEKLY x x

22

- ⊙ MARCH 26, 2000 ISSUE
- MARCH 19, 2000 ISSUE
- MARCH 12, 2000 ISSUE
- MARCH 05, 2000 ISSUE
- FEBRUARY 27, 2000 ISSUE
- FEBRUARY 20, 2000 ISSUE
- FEBRUARY 13, 2000 ISSUE
- FEBRUARY 06, 2000 ISSUE
- JANUARY 30, 2000 ISSUE
- JANUARY 23, 2000 ISSUE
- JANUARY 16, 2000 ISSUE
- JANUARY 02, 2000 ISSUE
- DECEMBER 26, 1999 ISSUE
- DECEMBER 19, 1999 ISSUE
- DECEMBER 12, 1999 ISSUE
- DECEMBER 05, 1999 ISSUE

FIG. 15A

WEEKLY x x

23

MARCH 26, 2000 ISSUE
CLICK THE TITLE OF SLIP FOR DETAILS

NAME OF AUTHOR	AUTHOR (EDITOR)	PUBLISHING COMPANY	FIELD OF BOOK	TYPE	MARK
△△ OF THIS YEAR	BY □□△△	BB COMPANY	POEM, 31-SYLLABLE JAPANESE POEM, HAIKU		
MORNING OF ○○	BY ○○x x	SS BOOKSTORE	POEM, 31-SYLLABLE JAPANESE POEM, HAIKU		
		LITERATURE △△	NOVEL		
		○○ BOOKSTORE	MYSTERY, ADVENTURE, HARD BOILED		
		A A NEWSPAPER	MYSTERY, ADVENTURE, HARD BOILED		
		x x COMPANY	BIOGRAPHY, CRITICAL BIOGRAPHY, AUTOBIOGRAPHY, LETTER, DIARY		
		CC COMPANY	NATURAL SCIENCE, EARTH SCIENCE, SPACE		
		DD BOOKSTORE	POLITICS, CURRENT PROBLEMS		
		CENTRAL x x	NOVEL		
		○○ COMPANY	POLITICS, CURRENT PROBLEMS		

FIG. 15B

24

△△ OF THIS YEAR		24-1 24-2 24-4
AUTHOR (EDITOR)	BY □□△△	
PUBLISHING COMPANY	BB COMPANY	
PRICE (EXCLUDING TAX)	1,500	
ISBN	4-6-209700-1	
TYPE	NEW BOOK	
NAME OF SERIES	NEW BOOK	
MARK		
REVIEWER	◎◎○○	
MAGAZINE (NEWSPAPER)	WEEKLY × ×	
CARRYING ISSUE	20000404	
CARRYING PAGE	31 PAGE	

24-3

REVIEWING
SAME BOOK

25

F I G. 1 6 A

△△ OF THIS YEAR

CLICK TITLE OF MAGAZINES REFERRED TO BY 'XX BOOKS HAVE BEEN DETECTED' FOR DETAILS.

MAGAZINE	CARRYING ISSUE	REVIEWER	REVIEW
WEEKLY × ×	FEBRUARY 15, 2000 ISSUE	WRITTEN BY ○○	
○○ NEWSPAPER (EVENING ISSUE)	FEBRUARY 12, 2000 ISSUE		
△△ NEWSPAPER (MORNING ISSUE)	FEBRUARY 13, 2000 ISSUE		
WEEKLY ○○	FEBRUARY 19, 2000 ISSUE		
WEEKLY △△	FEBRUARY 25, 2000 ISSUE		
BB MAGAZINE	FEBRUARY 23, 2000 ISSUE		
× × NEWSPAPER (EVENING ISSUE)	FEBRUARY 17, 2000 ISSUE		
WEEKLY ○○	MARCH 3, 2000 ISSUE		
WEEKLY ○○	MARCH 16, 2000 ISSUE		
	MARCH 26, 2000 ISSUE		

26

F I G. 1 6 B

PUBLISHING COMPANY OF REVIEW	NUMBER OF ISSUES OF REVIEWS
AA COMPANY	14765
BB COMPANY	1154
CC BOOKSTORE	1075
DD BOOKSTORE	766
EE NEWSPAPER COMPANY	574
FF COMPANY	528
GG HOUSE	374
HH NEWS	365
II MAGAZINE	303
KK PUBLISHING COMPANY	291
LL PUBLISHING COMPANY	253
MM BOOKS	249
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.	.
.	.
ZZ BOOKSTORE	41

FIG. 17A

TITLE OF BOOK	NUMBER OF HITS
MAN OF **	21
STORY OF ΔΔ	18
WOMEN OF ○○	16
SCENE OF x x	15
PROFESSIONAL OF □□	15
FESTIVAL OF * *	14
ΔΔ ARMY	12
COOKING NOTE OF ○○	10
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.	.
.	.
WORLD OF x x	6

FIG. 17B